

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-14. (canceled)

15. (currently amended) ~~An~~ A pipe instantaneous coupling device, comprising:

a tubular body (1); and

means for retaining a pipe end in leaktight manner in the body, said means comprising a retaining member ~~(5)~~ arranged to receive the pipe end, and cam means (11, 14) interposed between the body and the retaining member to bring the retaining member from a release state in which it releases the pipe end to a grip state in which it grips the pipe end when the retaining member is moved axially in the body from a first position to a second position,

wherein the retaining member comprises two independent jaws (5.1, 5.2) mounted in the body to slide between the two above-mentioned positions, and

wherein the cam means comprise two transverse studs (11) secured to the jaws or to the body to co-operate in sliding with side faces (14) secured to the body or the jaws and ~~that are~~ inclined relative to the sliding direction.

16. (previously presented) A device according to claim 15, wherein each transverse stud (11) projects outwards from one of the jaws (5.1, 5.2), and wherein the side faces (14) belong to the body (1).

17. (previously presented) A device according to claim 16, wherein the side faces (14) are defined in a hole (13) formed transversely through the body (1).

18. (previously presented) A device according to claim 17, wherein the hole (13) opens to the outside of the body (1).

19. (previously presented) A device according to claim 17, wherein, when the jaws (5.1, 5.2) are in the second position, the studs (11) leave a rear empty space (16) in the hole (13) remote from the first position.

20. (previously presented) A device according to claim 18, wherein, when the jaws (5.1, 5.2) are in the second position, the studs (11) leave a front empty space (17) in the hole beside the first position, and wherein the device includes removable abutment means (18, 19) extending into said empty space.

21. (currently amended) A device according to claim 19, including additional cam means (15, 11) interposed between the body (1) and the retaining member ~~(5)~~ to bring the retaining member from the grip state to the release state when the retaining member is placed axially in the body between the second position and the first position, and wherein the additional cam means comprise side faces (15) extending into the front empty space (17).

22. (previously presented) A device according to claim 15, wherein the jaws (5.1, 5.2) include means (20, 21) for securing them axially to each other.

23. (previously presented) A device according to claim 22, wherein the axial securing means comprise complementary axial abutment means (20, 21) secured to each of the jaws, said abutment means being arranged to leave the jaws (5.1, 5.2) free to slide apart from and towards each other.

24. (previously presented) A device according to claim 15, wherein, in the vicinity of the jaws (5.1, 5.2) in their first position, the body (1) includes resilient means (4) for holding the jaws in their grip state.

25. (previously presented) A device according to claim 15, wherein the jaws (5.1, 5.2) are provided internally with teeth (10) for biting into an outside surface of the pipe end.

26. (previously presented) A device according to claim 15, wherein at least one of the jaws (5.1, 5.2), when in its second position, possesses an end that projects from the body.

27. (currently amended) A device according to claim 15, including angular indexing means (11, 14) for indexing the angular position of the retaining member ~~(5)~~ relative to the body (1).

28. (currently amended) A device according to claim 27, including means (22) for preventing the pipe end (100) from turning relative to the retaining member ~~(5)~~.

29. (new) A device according to claim 15, wherein a first of said two independent jaws is not fixedly attached to a second of said two independent jaws.

30. (new) A pipe instantaneous coupling device comprising:

a tubular body (1) defining a stepped channel having a central segment (2) and an end segment (3) having holes (13) in a wall of the tubular body (1) extending longitudinally with the tubular body (1), each of the holes (13) defined by two divergent side faces (14);

a tubular retaining member in the end segment (3) defining a cylindrical cavity formed of a first jaw (5.1) and a second jaw (5.2) facing the first jaw (5.1) and free of any permanent attachment to the first jaw (5.1), the first jaw (5.1) and the second jaw (5.2) mounted in the end segment (3) and each of the first jaw (5.1) and the second jaw (5.2) having an outside surface and a flared inlet section to facilitate insertion of a pipe end (100) into the retaining member, the first jaw (5.1) and the second jaw (5.2) slidable in a direction parallel to a direction of the insertion of the pipe end (100) between a first position and a second position within the tubular body (1); and

a stud (11) extending transversely from the outside surface of each of the first jaw (5.1) and the second jaw (5.2) configured to be received in the holes (13),

wherein the side faces (14) co-operate in sliding with the stud (11) of the first jaw (5.1) and the stud (11) of the second jaw (5.2) to bring the retaining member from a release state in which the retaining member releases the pipe end (100)

to a grip state in which the retaining member grips the pipe end (100) as the first jaw (5.1) and the second jaw (5.2) of the retaining member moves inside the body (1) from the first position to the second position.

31. (new) A pipe instantaneous coupling device, comprising:

a tubular body (1); and

a pipe retaining member located within the tubular body,

the retaining member comprised of a first pipe retaining element (5.1) and a second pipe retaining element (5.2), the first and second pipe retaining elements being two discrete and separate elements free of any permanent connection therebetween;

cam studs (11) respectively transversely protruding outwardly from each of the first and second pipe retaining elements;

transversal surfaces (14) located on the tubular body and inclined relative to a sliding direction,

each cam stud slidably engaged with a corresponding one of the transversal surfaces to direct the retaining member along the sliding direction axially within the tubular body from a first position to a second position,

sliding engagement of the cam studs with the transversal surfaces bringing the body and the retaining member from the first position of a release state in which the retaining member releases a pipe located therein to the second position of a grip state in which the retaining member grips the pipe therein.